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(54) **Utilizing internet protocol mobility messages and authentication, authorization and accounting messages in a communication system**

(57) A system and method for utilizing internet protocol (IP) mobility messages and authentication, authorization, and accounting (AAA) messages in a communication system is presented. The communication system comprises a data network coupled to a visited network, a home network, and a service broker, where the visited network and the home network are each coupled to an access node. A serving mobility manager (SMM), which is located in the visited network, receives a user request for information via the access node. A local AAA, which is coupled to the SMM and located in the visited network, queries the service broker to determine the user's home network. The service broker is coupled

to the visited network and the home network. A service broker AAA server, which is located in the service broker, contacts a home AAA server, which is located in the home network. The service broker AAA server establishes a trust relationship between the visited network and the home network by utilizing an extension of the IP mobility messages. These IP mobility extension messages are combined with the AAA messages to provide mobility functionality to the AAA messages. A home mobility manager (HMM), which is coupled to the home AAA server and is located in the home network, transmits to the user the information via the data network, the SMM, and the access node using the trust relationship.

